

CLAIMS

1. Process for the manufacture of an easy open device for "Flow Pack" or similar packages with ³¹longitudinal seams and ³⁰transversal closings, constructed horizontally or vertically, with a detachable strip ^B attached and aligned on the internal face of the packaging film by means of an applicator head, to be manually grasped and to result in the tearing of said packages, which includes the steps of: F. 2-6

112 - 6 attaching said strip ^B (transversally to the machine direction) on the internal face of the packaging film, and

112 1st - producing a cut on at least one end of said detachable strip to generate a tear area. ^{ENG. 103 Not on Horizontal F.P. qdv.}

2. Process according to claim 1, wherein said tear area generates an upper flap between said tear area and said closest transversal closure.

3. Process according to claim 1, wherein said

F. 1

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- [illegible]

8. Process according to claim 1, wherein said detachable strip is affixed to the packaging film off the package production line. *Fig. 1-6*

9. Process according to claim 1, wherein said detachable strip is affixed to the packaging film on the package production line. *Fig. 1-6*

10. Process according to claim 1, wherein said aligned attachment on the internal face of said package includes the steps of:

- inputting the position of said detaching strip on said package in the control logic,
- optically reading the alignment for said packaging film in motion,
- transmitting the information to said applicator head regarding said detaching strip,

11. Easy open device for "Flow Pack" or similar packages with longitudinal seams and transversal closures, with at least two faces, one frontal and the other posterior, constructed horizontally or vertically, possessing a detaching strip with one of its faces printed, obtained through the process referred to in claim 1, wherein on the internal face of at least one of said faces of said package there is attached, transversally to the machine direction, said detaching strip being not longer than the width of the package, which in turn defines a tear area on said package.

12. Easy open device according to claim 11, wherein said printed face of said detaching strip (occluded printing) is fixed with adhesive to said internal face of said packaging film.

16. Easy open device according to claims 14 and 15, wherein said upper flap folds over on itself and over the tear area, attaching to one face of said package across the self-stick part of the surface of said easy open/close element (to

produce its closure).

17. Packages that have longitudinal seams and transversal closures, constructed horizontally or vertically, wherein they have the easy open device referred to in clauses 11 to 16.